

Converting Colors

Hex(467BD7)

Have a look what the booklet for
Hex(467BD7) contains.

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Color

Hex(467BD7)

Conversions

Conversions Part 1

Format	Color
Hex	467BD7
RGB	70, 123, 215
RGB Percent	27%, 48%, 84%
CMY	0.7255, 0.5176, 0.1569
CMYK	0.67, 0.43, 0.00, 0.16
HSL	218°, 64%, 56%
HSV	218°, 67%, 84%
XYZ	21.8745, 20.3743, 67.0697
YIQ	117.6410, -61.1200, 17.3760

Conversions

Conversions Part 2

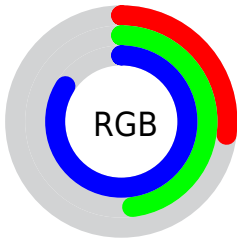
Format	Color
RYB	70, 109, 215
Decimal	4619223
CIELab	52.26, 12.20, -52.49
CIElCh	52, 53.883, 283.081
Yxy	20.3743, 0.2001, 0.1864
Android (android.graphics.Color)	4282809303 (0xFF467BD7)
YUV	117.6410, 47.9980, -41.7812
Hunter-Lab	45.1379, 7.5124, -56.5015

Details

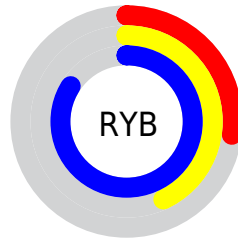
The Hex color **467BD7** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle muted azure. A complement of this color would be **D7A246**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **84AFFF**, and **004BA0** is the 20% darker color. If you saturate the color by 10%, you get **316DD7**, and if you desaturate by 10%, it is **5C89D7**.

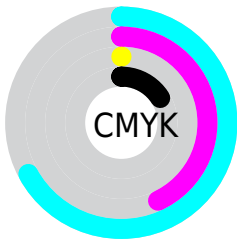
Distribution



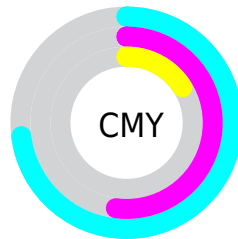
- Red (27%)
- Green (48%)
- Blue (84%)



- Red (27%)
- Yellow (43%)
- Blue (84%)



- Cyan (67%)
- Magenta (43%)
- Yellow (0%)
- Black (16%)



- Cyan (73%)
- Magenta (52%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 467BD7 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 467BD7 by changing the saturation by 10% instead.

■ 467BD7

■ 467BD7

FFFFFF

■ 1D62BB

■ 84AFFE

■ 004BA0

■ A2CAFF

■ 003585

■ C0E6FF

■ 00216B

■ DEFFFF

■ 000952

■ FCFFFF

■ 00063A

■ 000224

■ 00000B

■ 000000

■ 467BD7

■ 467BD7

■ 316DD7

■ 5C89D7

■ 1B60D7

■ 7196D7

■ 0552D7

■ 87A4D7

■ 004FD7

■ 9CB2D7

■ B2BFD7

■ C7CDD7

■ DDDAD7

■ F2E8D7

■ FFF6D7

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



0089D5



467BD7



9967C1

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



467BD7



C65E3F



009160

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



467BD7



D7A246

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4D8B34



467BD7



AA711E

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



467BD7



D0516A



818116



009390

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



467BD7



B85AA7



818116



009051

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



467BD7



CCDFFF



46D7A2



616C80



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



467BD7



307CFF



5946D7



60646B



003EAB



00102B

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



D7467B



FF307C



C4D746



6B6064



AB003E



2B0010

Previews

White Background



This preview shows how the Hex color 467BD7 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 467BD7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

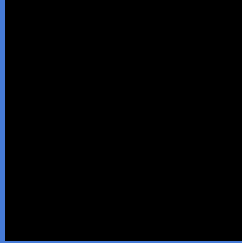
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

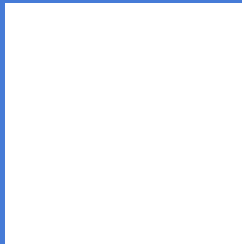
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 467BD7 Background



This preview shows how black text looks on a background with the Hex color 467BD7.

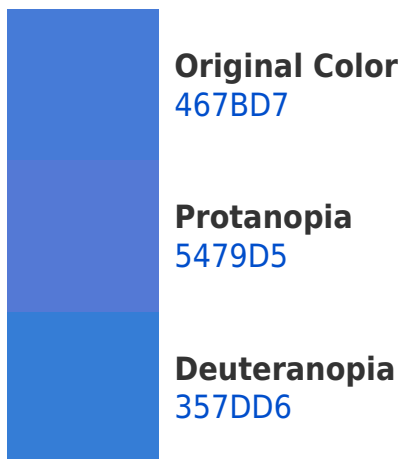


This preview shows how white text looks on a background with the Hex color 467BD7.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

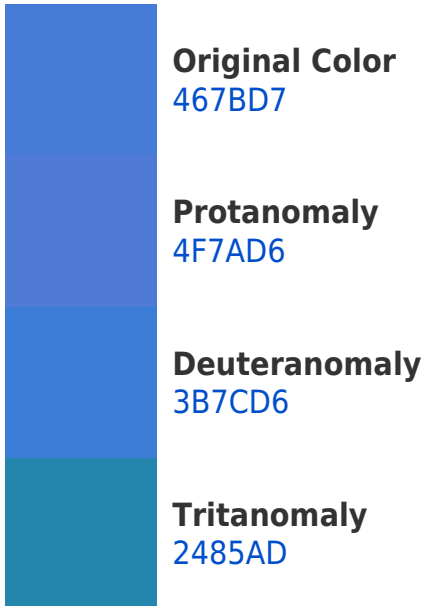
Dichromacy



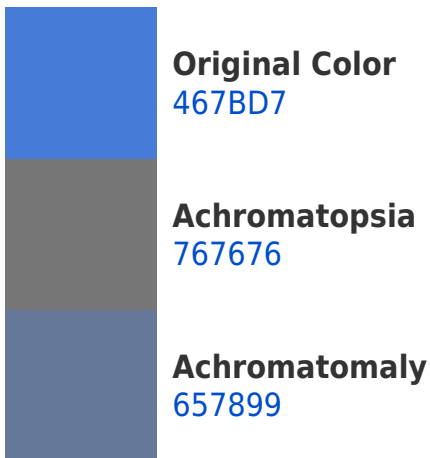


Tritanopia
118A95

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 467BD7 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #467BD7 looks like.

```
.text, #text, p{  
    color:#467BD7  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #467BD7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #467BD7
}
```

Border

The CSS property to change the border of an element to Hex 467BD7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#467BD7 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#467BD7 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #467BD7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #467BD7; -webkit-box-shadow:4px 4px  
4px 4px #467BD7; box-shadow:4px 4px 4px  
4px #467BD7 }
```

Background

The CSS property to change the background color of an element to Hex 467BD7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#467BD7 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#467BD7 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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